

PEARL Rubric Math Patterns grades 9-12

Maine Learning Results Performance Indicator	1	2	3	4
	Attempted demonstration Does not meet standards	Partial demonstration Partially meets standards	Proficient demonstration Meets standards	Sophisticated demonstration Exceeds standards
G 1 Create a graph to represent a real-life situation and draw inferences from it.	<p>The student ...</p> <ul style="list-style-type: none"> ➤ Did not chose the correct data according to the directions and ➤ created a graph which did not include >2 of the following: title, labels for X and Y axis with units and a legend or scale was appropriate. <p>Source of evidence: PEARL graphing and answer Questions: Vacation part 2 Q#3-4 Part 3 Q#1-4 Fishing part 2 Q#4-6 part 3 Q#4-5</p>	<p>The student ...</p> <ul style="list-style-type: none"> ➤ chose the correct data according to the directions and ➤ created a graph which did not include 1 or 2 of the following: title, labels for X and Y axis with units and a legend, or scale was appropriate. <p>and</p> <ul style="list-style-type: none"> ➤ answered <50% of questions correctly according to the answer sheet. 	<p>The student ...</p> <ul style="list-style-type: none"> ➤ chose the correct data according to the directions and ➤ created a line type graph which included title, labels for X and Y axis with units and a legend. The scale was appropriate. <p>and</p> <ul style="list-style-type: none"> ➤ answered 75-85% of questions correctly according to the answer sheet. <p>OR</p> <p>➤ Chose the incorrect data according to the directions</p> <p>And</p> <ul style="list-style-type: none"> ➤ created a graph which included title, labels for X and Y axis with units and a legend. The scale was appropriate answered 50-74% of questions correctly according to the answer sheet with adjustments for use of incorrect data. 	<p>The student ...</p> <ul style="list-style-type: none"> ➤ chose the correct data according to the directions. There were enough data points. <p>and</p> <ul style="list-style-type: none"> ➤ created a line type graph which included title, labels for X and Y axis with units and a legend. The scale was appropriate. <p>and</p> <ul style="list-style-type: none"> ➤ answered >85% of questions correctly and with more depth than the answer sheet.